Performance Data Sheet

Model: 3MDW301

Use Replacement Cartridge: 3MDW311

The concentration of the indicated substances in water entering the system was reduced to a concentration less than or equal to the permissible limit for water leaving the system as specified in NSF/ANSI Standard 42 and Standard 53.

System tested and certified by NSF International against NSF/ANSI Standard 42 and Standard 53 for the reduction of substances listed below.

Capacity 1000 Gallons (3,785 Liters) Contaminant Reduction Determined by NSF testing.

Parameter	Average Influent	NSF specified Challenge Concentration	Avg % Reduction	Average Product Water Concentration	Max Permissible Product Water Concentration	NSF Reduction Requirements	NSF Test Report
Chlorine Taste and Odor	2.1 mg/L	2.0 mg/L ± 10%	97.7%	0.07 mg/L	N/A	≥ 50%	J-00125570
Nominal Particulate Class I, ≥0.5 to < 1.0 µm	4,066,667 pts/mL	At least 10,000 particles/mL	99.9%	2565 pts/ml	N/A	≥85%	J-00125785
Chloramine	3.1 mg/L	3.0 mg/L ± 10%	97.7%	0.07 mg/L	0.5 mg/L	N/A	J-00125570
Asbestos	148 MFL	10^7 to 10^8 MFL; fibers greater than 10 µm in length	>99%	< 1MLF	N/A	≥99%	J-00125571
Cyst*	120,000 cysts/L	Minimum 50,000 cysts/L	99.98%	<1 cyst/L	N/A	≥99.95%	J-00125784
Lead @ pH 6.5	0.148 mg/L	0.15 mg/L ± 10%	>99.3%	0.001 mg/L	0.010 mg/L	N/A	J-00125572
Lead @ pH 8.5	0.150 mg/L	0.15 mg/L ± 10%	>99.3%	0.001 mg/L	0.010 mg/L	N/A	J-00125573
VOCs	0.308 mg/L	0.300 mg/L ± 10%	99.8%	0.0005 mg/L	N/A	≥95%	J-00125574
TTHMs	0.412 mg/L	0.45 mg/L ± 20%	99.9%	0.0005 mg/L	0.080 mg/L	N/A	J-00125579
MTBE	0.016 mg/L	0.015 mg/L ± 20%	>96.8%	0.0005 mg/L	0.005 mg/L	N/A	J-00125575

* Based on the use of Cryptosporidium parvum oocysts

Application Guidelines/Water Supply Parameters	
Service Flow	0.75 gpm (2.8 lpm)
Water Supply	Potable Water
Water Pressure	25 -125 psi (172 -862 kPa)
Water Temperature	40º F - 100º F (4.4º C – 37.8º C)

It is essential that the manufacturer's recommended installation, maintenance and filter replacement requirements be carried out for the product to perform as advertised. See Installation Manual for Warranty information.

Note: While the testing was performed under standard laboratory conditions, actual performance may vary. Contaminant reduction testing is conducted every five years by certifying agency to maintain certification.
Replacement Cartridge: 3MDW311
For estimated costs of replacement elements please call 800.222.7880 or visit our website at www.3Mpurification.com

Parts and service available from:

3M Purification Inc.
400 Research Parkway
Meriden, CT 06450, U.S.A.
Tel 800.222.7880
203.237.5541
Fax 203.238.8701
www.3Mwater.com
www.3Mpurification.com

⚠ WARNING

Read entire manual. Failure to follow all guides and rules could cause personal injury or property damage.

- Check with your local public works department for plumbing codes. You must follow their guidelines as you install the water filtration system.
- Your water filtration system will withstand up to 125 pounds per square inch (psi) water pressure. If your house water supply pressure is higher than 80 psi, install a pressure reducing valve before installing the water filtration system.

To reduce the risk associated with the ingestion of contaminants:

- DO NOT use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system. Systems certified for cyst reduction may be used on disinfected water that may contain filterable cysts.
  EPA Establishment Number 10350-MN-007

NOTICE

To reduce the risk associated with water leakage or flooding:

- Read and follow Use Instructions before installation and use of this system.
- Change the disposable filter cartridge at the recommended interval; the disposable filter cartridge MUST be replaced every 12 months or sooner.
- Failure to replace the disposable filter cartridge at recommended intervals may lead to reduced filter performance and failure of the filter, causing property damage from water leakage or flooding.